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|---|-------------------|---|------------------------|-------------|---|
| <b>UTILITY</b><br><b>PATENT APPLICATION</b><br><b>TRANSMITTAL</b><br><small>(only for new nonprovisional applications under 37 CFR 1.53(b))</small>   |                   | Attorney Docket No.   | WAKI 203<br>(10111362) | Total Pages | JCS36 U.S. PTO<br>10/034480<br>12/20/01 |
|   |                   | First Named Inventor or Application Identifier  |                        |             |   |
|   |                   | Kazuo Hirose, Takumi HAYASHI and Kiyoshi ISHII  |                        |             |   |
|   |                   | Express Mail Label No.  | EL642116788 US         |             |   |
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP Chapter 600 concerning utility patent application contents.</small>  |                   | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |                        |             |   |
| <b>1. ■ Fee Transmittal Form</b> (attached hereto in duplicate)   |                   | <b>6. □ Microfiche Computer Program</b> (Appendix)  |                        |             |   |
| <b>2. ■ Specification</b> [Total Pages 60]<br>(Preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive Title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R&amp;D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> |                   | <b>7. Nucleotide and/or Amino Acid Sequence Submission</b> (if applicable, all necessary)<br>a. □ Computer Readable Copy<br>b. □ Paper Copy (identical to computer copy)<br>c. □ Statement verifying identity of above copies   |                        |             |   |
| <b>3. ■ Drawing(s)</b> (35 USC 113) [Total Sheets 10]   |                   | <b>ACCOMPANYING APPLICATION PARTS</b>   |                        |             |   |
| <b>4. ■ Oath or Declaration</b><br>a. ■ Newly executed (original or copy)<br>b. □ Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional check boxes 5 and 16)<br>i. □ <u>Deletion of Inventor(s)</u><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  |                   | 8. ■ Assignment Papers (cover sheet & document(s))<br>9. □ 37 CFR 3.73(b) Statement<br>(when there is an assignee) □ Power of Attorney<br>10. □ English Translation Document (if applicable)<br>11. ■ Information Disclosure Statement<br>(IDS)/PTO-1449 ■ Copies of IDS Citations  |                        |             |   |
| <b>5. □ Incorporation by Reference</b><br>(useable if Box 4b is checked)<br>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.   |                   | 12. □ Preliminary Amendment<br>13. ■ Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)<br>14. ■ Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)<br>Japanese Pat. Appln. No. 2000-397357 filed on 12/27/2000, 2001-093765 filed 3/28/2001 and 2001-183771 filed 6/18/2001 |                        |             |   |
| <b>16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</b><br>□ Continuation □ Divisional □ Continuation-in-Part (CIP) of prior application No:<br><b>17. □ For this application, please cancel original Claims</b> of the prior application before calculating the filing fee.  |                   | <b>15. □ Other:</b>   |                        |             |   |
| <b>18. CORRESPONDENCE ADDRESS</b><br>■ Customer Number or Bar Code Label 24972 or □ Correspondence Address below  |                   |   |                        |             |   |
| <b>19. TELEPHONE CONTACT</b><br>Please direct all telephone calls or telefaxes to James R. Crawford at:<br>Telephone: (212) 318-3148 Fax: (212) 318-3400  |                   |   |                        |             |   |
| <b>19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b>  |                   |   |                        |             |   |
| NAME  | James R. Crawford |   | Reg. No. 39,155        |             |   |
| SIGNATURE   |                   |   |                        |             |   |
| DATE  | December 20, 2001 |   |                        |             |   |

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|------------------------|------------------------|----------------------|
| <b>FEE TRANSMITTAL</b> | Complete if Known      |                      |
|                        | Application Number     | To be assigned       |
|                        | Filing Date            |                      |
|                        | First Named Inventor   | Kazuo HIROSE, et al. |
|                        | Group Art Unit         | To be assigned       |
|                        | Examiner Name          | To be assigned       |
|                        | Attorney Docket Number | WAKI-203             |

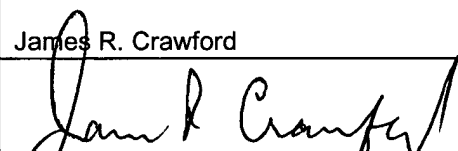
## FEE CALCULATION

### CLAIMS AS FILED

| (1)                       | (2)                      | (3)          | (4)               | (5)                   |
|---------------------------|--------------------------|--------------|-------------------|-----------------------|
| FOR: Small entity         | NUMBER FILED             | NUMBER EXTRA | RATE              | BASIC FEE<br>\$740.00 |
| TOTAL CLAIMS              | 17 - 20 =                | 0            | x                 | \$ 0.00               |
| INDEPENDENT CLAIMS        | 3- 3 =                   | 0            | x                 | \$ 0.00               |
| MULTIPLE DEPENDENT CLAIMS | <input type="checkbox"/> | N/A          | \$270.00          | -----                 |
|                           |                          |              | <b>TOTAL FEES</b> | <b>\$740.00</b>       |

## METHOD OF PAYMENT

- ☐ Please charge Deposit Account No. 50-0624 in the amount of \$0.00
- ☒ A check for \$740.00 is enclosed to cover the cost of the Application filing fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 50-0624. A duplicate of this sheet is enclosed.

|                       |   |                         |                                    |
|-----------------------|---|-------------------------|------------------------------------|
| <b>SUBMITTED BY:</b>  |   |                         | <i>Complete (if applicable)</i>    |
| Typed or Printed Name | James R. Crawford   |                         | Reg. No. 39,155                    |
| Signature             |  | Date: December 20, 2001 | <b>Deposit Account No. 50-0624</b> |